



CURRICULUM VITAE

Date personale:

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Domenii de interes:

- Managementul sistemelor calității
- Biomecanica ortopedică
- Ingineria protezării și reabilității
- Logistica industrială
- Robotica

Activitate de cercetare:

1. Proiecte de cercetare

- [1.1] Moldovan Liviu (director de proiect). Shaping the Engineers of Tomorrow. Cod 2023-1-RO01-KA220-HED-000155387, Perioada 1.11.2023 - 31.10.2026, Budget 400.00 euro.
- [1.2] Moldovan Liviu (director de proiect). Towards twin transition for a more competitive European industry – Twin 4.0. Cod 2022-1-RO01-KA220-VET-000086068, Perioada 1.11.2022 - 31.10.2024, Budget 250.00 euro.
- [1.3] Moldovan Liviu (director de proiect). Joint Cyber Workforce Development Initiative to Enable the European Industry to Overcome the Shortage of Cybersecurity Professionals (Encrypt 4.0). Cod 2020-1-RO01-KA202-079983, Perioada 1.11.2020 - 31.10.2022, Buget 247.822 euro.



2. Lucrări publicate în extenso

- [2.1] Moldovan L. State-of-the-art Analysis on the Knowledge and Skills Gaps on the Topic of Industry 4.0 and the Requirements for Work-based Learning. *Elsevier Procedia Manufacturing*, 2019, 32, 294–301.
- [2.2] Moldovan L., Gligor A., Grif H.-S., Moldovan F. Dynamic Numerical Simulation of the 6-PGK Parallel Robot Manipulator. *Proceedings of The Romanian Academy, Series A*, 2019, 20(1), 67–75.
- [2.3] Syreishchikova N.V., Pimenova D.Yu., Markopoulosb A.P., Moldovan L. Value Stream Maps in Clock Production. *Russian Engineering Research*, 2021, 41(4), 378–381.
- [2.4] Chis L.C., Chis M., Moldovan L. (2023). New Requirements for the Development of Quality Standards of Medical Exoskeletons as a Result of the Unexpected Near Miss Events. *Springer Cham – Lecture Notes in Networks and Systems*, 2023, 605, 516–528.
- [2.5] Solyom A., Moldovan F., Moldovan L., Strnad G., Fodor P. Clinical Workflow Algorithm for Preoperative Planning, Reduction and Stabilization of Complex Acetabular Fractures with the Support of Three-Dimensional Technologies. *J. Clin. Med.* 2024, 13(13), 3891.